

## **AMENDMENT**

### ***In the Drawings***

Please replace Figure 1 with Amended Figure 1 as attached. A red-line mark-up of the Amended Figure 1 is also attached. Applicant respectfully requests that the Examiner enter this amendment to the drawings.

### ***In the Claims***

Please cancel claims 4-7 and 11-16 without prejudice or disclaimer.

Please replace claim 1 with the corresponding amended claim set forth below. A marked-up version of the amended claim is attached as an Appendix.

1. (Once Amended) A Doherty amplifier system comprising:
  - an input splitter for splitting an input signal into first and second portions;
  - first and second signal paths for carrying respectively the first and second portions of the input signal;
  - one or more input phase shifters for realizing a net relative phase shift of approximately 90° between signals carried on the first and second signal paths;
  - a carrier amplifier having an output situated along a selected one of the first and second paths;
  - a peaking amplifier having an output situated along one of the first and second signal paths other than the selected one; and
  - a quarter wave transformer/combiner circuit coupled directly to the outputs of the carrier and peaking amplifiers for realizing a net relative phase shift of approximately 90° between the amplifier outputs so the two are approximately in-phase, and combining the two to form one or more output signals.

Please add the following new claim 19.

- 19. (New) An RF integrated circuit comprising: